

Attorney Docket No.: **DEX-0113**  
Inventors: **Yang et al.**  
Serial No.: **09/700,770**  
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**Amendments to the claims are reflected in the listing of  
claims which begins on page 3 of this paper.**

**Remarks begin on page 4.**

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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 1 (currently amended): A method for diagnosing detecting the presence of lung cancer in a patient comprising:

(a) measuring <sup>the</sup> levels of Lung Specific Gene ~~the~~ <sup>a</sup> polynucleotide comprising SEQ ID NO: 2, 3, 4, 5 or 6 in a sample of cells, tissue or bodily fluid obtained from the patient; and

(b) comparing the measured <sup>the</sup> levels of Lung Specific Gene ~~the~~ <sup>the</sup> polynucleotide in the patient with <sup>the</sup> levels of Lung Specific Gene ~~the~~ <sup>the</sup> polynucleotide in a sample of cells, tissue or bodily fluid obtained from a control, wherein an increase in <sup>the</sup> measured levels of Lung Specific Gene ~~the~~ polynucleotide in the patient versus the Lung Specific Gene ~~the~~ polynucleotide <sup>the</sup> levels in the control is associated with the presence of lung cancer and wherein the Lung Specific Gene comprises SEQ ID NO: 2, 3, 4, 5, or 6.

Claims 2-5 (canceled)

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Claim 6 (currently amended): The method of claim 1, 2, 3, 4,  
or 5 wherein the ~~fung~~ specific Gene polynucleotide comprises SEQ ID  
NO: 3 or 6.

Claim 7 (new): The method of claim 1 wherein the  
polynucleotide comprises SEQ ID NO:3.

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